

New York State Department of Motor Vehicles
Summary of Speed-Related Motor Vehicle Accidents

2010

TABLE 1(P) Speed-Related (S-R) Accidents	
Category Totals	Police Reported
Total Accidents	28,168
Fatal Accidents	289
Non-Fatal Personal Injury Accidents	12,846
Reportable Property Damage Accidents	15,033
Vehicles	42,403
Drivers Involved	39,730
<i>Speeding Drivers</i>	<i>27,947</i>
<i>Non-Speeding Drivers</i>	<i>11,783</i>
Vehicle Occupants	57,940
Special S-R Accident Series	
S-R Pedestrian/Motor Vehicle Accidents	411
S-R Bicycle/Motor Vehicle Accidents	130
S-R Motorcycle Accidents	846
Fatalities	
Persons Killed (1)	319
Drivers Killed	231
<i>Speeding Drivers</i>	<i>220</i>
<i>Non-Speeding Drivers</i>	<i>11</i>
Passengers Killed	70
Pedestrians Killed	16
Bicyclists Killed	2
Other	0
Non-Fatal Injuries	
Persons Injured (1)	18,910
Drivers Injured	12,556
Passengers Injured	5,723
Pedestrians Injured	422
Bicyclists Injured	128
Other	81
(1) Includes pedestrians, bicyclists and all other non-vehicle involved persons as well as vehicle occupants regardless of seating position.	

TABLE 2(P) Severity of Accident		
	Number	Percent
Total	28,168	100.0
Fatal (K) Accidents	289	1.0
Personal Injury Accidents		
Serious (A)	1,860	6.6
Moderate (B)	2,676	9.5
Minor (C)	8,035	28.5
Unknown Severity	275	1.0
Property Damage (O) Accidents	15,033	53.4

General Notes

- * All tables are based on information received only from police reports.
- * The Property Damage Accident reporting level is \$1,000 or more.
- * The term "vehicle" always excludes bicycles.
- * The term "driver" always excludes bicyclists.
- * Percentages may not total 100.0 due to rounding.

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TABLE 3(P) Day of Week/Time of Day										
Day of Week	Total Accidents	Time of Day								
		Mid-3am	3am-6am	6am-9am	9am-Noon	Noon-3pm	3pm-6pm	6pm-9pm	9pm-Mid	Unknown
Total	28,168	2,393	1,927	4,180	3,528	4,464	5,079	3,480	3,053	64
Sunday										
Total	4,456	522	474	421	480	803	776	552	420	8
Fatal	59	15	13	6	2	5	6	7	5	0
Personal Injury	1,934	246	207	171	207	356	335	233	176	3
Property Damage	2,463	261	254	244	271	442	435	312	239	5
Monday										
Total	3,670	246	184	546	503	626	701	456	398	10
Fatal	43	8	1	2	1	6	10	6	9	0
Personal Injury	1,662	100	81	218	229	298	329	205	197	5
Property Damage	1,965	138	102	326	273	322	362	245	192	5
Tuesday										
Total	3,935	200	189	704	519	687	750	484	396	6
Fatal	27	2	3	3	3	3	5	5	3	0
Personal Injury	1,767	87	77	266	236	310	359	244	186	2
Property Damage	2,141	111	109	435	280	374	386	235	207	4
Wednesday										
Total	4,199	231	212	757	593	663	768	547	418	10
Fatal	31	1	1	2	3	3	7	3	11	0
Personal Injury	1,878	102	83	298	247	320	365	269	191	3
Property Damage	2,290	128	128	457	343	340	396	275	216	7
Thursday										
Total	4,121	272	180	743	527	632	801	506	451	9
Fatal	37	3	4	5	4	4	4	3	10	0
Personal Injury	1,840	133	79	294	219	276	405	234	194	6
Property Damage	2,244	136	97	444	304	352	392	269	247	3
Friday										
Total	4,015	367	261	613	460	553	760	497	495	9
Fatal	35	5	4	2	0	2	5	8	9	0
Personal Injury	1,877	161	114	237	226	275	373	247	240	4
Property Damage	2,103	201	143	374	234	276	382	242	246	5
Saturday										
Total	3,772	555	427	396	446	500	523	438	475	12
Fatal	57	11	7	6	1	7	6	9	10	0
Personal Injury	1,888	272	202	176	225	267	310	226	203	7
Property Damage	1,827	272	218	214	220	226	207	203	262	5

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TABLE 4(P) Police Investigating Agency					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total	28,168	100.0	289	12,846	15,033
State Police	12,413	44.1	100	4,672	7,641
County Police	7,046	25.0	93	3,212	3,741
New York City Police (NYPD)	3,145	11.2	45	2,421	679
Municipal Police (non-NYC)	5,564	19.8	51	2,541	2,972
Unknown	0	0.0	0	0	0

TABLE 5(P) Jurisdictional Road System					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total					
State Routes	Data for this table are not available at this time.				
County Routes					
Town Routes					
Municipal Streets					
Parkways					
Thruway					
Other Interstates					
Unknown					

TABLE 6(P) Manner of Collision					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total	28,168	100.0	289	12,846	15,033
Single Vehicle Accidents	16,991	60.3	196	6,836	9,959
Two Vehicle Accidents	8,853	31.4	72	4,473	4,308
3 or More Vehicle Accidents	2,324	8.3	21	1,537	766

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TABLE 7(P) Accident Contributing Factors					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total Accidents	28,168	100.0	289	12,846	15,033
Accidents With No Factor Reported	4	<0.1	0	3	1
Accidents With One or More Factors Reported	28,164	99.9	289	12,843	15,032
Accidents With Human Factors	28,137	99.9	289	12,834	15,014
Aggressive Driving/Road Rage	336	1.2	13	216	107
Alcohol Involvement	2,114	7.5	55	1,141	918
Backing Unsafely	103	0.4	0	41	62
Cell Phone (hand held)	45	0.2	1	31	13
Cell Phone (hands free)	8	<0.1	1	5	2
Driver Inattention/Distraction	1,661	5.9	11	981	669
Driver Inexperience	773	2.7	14	416	343
Drugs (Illegal)	92	0.3	1	59	32
Eating or Drinking*	0	0.0	0	0	0
Failure to Keep Right	901	3.2	25	440	436
Failure to Yield R.O.W.	919	3.3	3	643	273
Fatigued/Drowsy	61	0.2	0	37	24
Fell Asleep	128	0.5	1	71	56
Following too Closely	2,397	8.5	3	1,298	1,096
Illness	26	0.1	1	17	8
Listening/Using Headphones*	0	0.0	0	0	0
Lost Consciousness	25	0.1	1	23	1
Other Electronic Device	11	<0.1	0	6	5
Outside Car Distraction	48	0.2	0	32	16
Passenger Distraction	38	0.1	0	25	13
Passing or Lane Usage Improper	942	3.3	20	479	443
Passing too Closely*	2	<0.1	1	0	1
Pedestrian/Bicyclist/Other Ped Error/Confusion	80	0.3	1	79	0
Physical Disability	10	<0.1	1	7	2
Prescription Medication	43	0.2	1	23	19
Reaction to Other Uninvolved Vehicle	532	1.9	3	268	261
Texting*	0	0.0	0	0	0
Traffic Control Disregarded	733	2.6	7	497	229
Turning Improperly	486	1.7	1	264	221
Unsafe Lane Changing	892	3.2	11	494	387
Unsafe Speed	27,555	97.8	287	12,489	14,779
Using On Board Navigation Device*	0	0.0	0	0	0
Other Human	4	<0.1	0	1	3
Accidents With Vehicular Factors	720	2.6	10	364	346
Accelerator Defective	23	0.1	0	11	12
Brakes Defective	121	0.4	1	66	54
Driverless/Runaway Vehicle	6	<0.1	0	2	4
Headlights Defective	1	<0.1	0	1	0
Other Lighting Defects	6	<0.1	0	4	2
Oversized Vehicle	5	<0.1	0	3	2
Steering Failure	33	0.1	0	16	17
Tinted Windows*	0	0.0	0	0	0
Tire Failure/Inadequate	275	1.0	1	123	151
Tow Hitch Defective	4	<0.1	0	1	3
Windshield Inadequate	2	<0.1	1	0	1
Other Vehicular	247	0.9	7	138	102
Accidents With Environmental Factors	10,150	36.0	28	3,367	6,755
Animal's Action	368	1.3	2	155	211
Glare	61	0.2	0	41	20
Lane Marking Improper/Inadequate	6	<0.1	0	4	2
Obstruction/Debris	84	0.3	1	52	31
Pavement Defective	40	0.1	0	16	24
Pavement Slippery	9,439	33.5	24	3,010	6,405
Shoulders Defective/Improper	5	<0.1	0	2	3
Traffic Control Device Improper/Non-Working	7	<0.1	0	4	3
View Obstructed/Limited	158	0.6	2	95	61
Other Environmental	7	<0.1	0	6	1

* New contributing factor as of October 2010.

Note: Many accidents have multiple factors reported.

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	Total Drivers		Non-Speeding Drivers		Speeding Drivers by Severity of Accident				
	Number	Percent	Number	Percent	Number	Percent	Fatal	Personal Injury	Property Damage
Total Drivers	39,730	100.0	11,783	100.0	27,947	100.0	289	12,815	14,843
Male	25,004	62.9	7,043	59.8	17,961	64.3	251	8,240	9,470
Under 16	9	<0.1	2	<0.1	7	<0.1	0	4	3
16 - 17	1,106	2.8	81	0.7	1,025	3.7	6	479	540
18 - 20	3,338	8.4	303	2.6	3,035	10.9	40	1,294	1,701
21 - 24	3,738	9.4	507	4.3	3,231	11.6	52	1,441	1,738
25 - 29	3,099	7.8	679	5.8	2,420	8.7	36	1,137	1,247
30 - 34	2,199	5.5	667	5.7	1,532	5.5	24	742	766
35 - 39	2,056	5.2	720	6.1	1,336	4.8	23	635	678
40 - 44	1,985	5.0	795	6.7	1,190	4.3	12	553	625
45 - 49	2,097	5.3	875	7.4	1,222	4.4	20	569	633
50 - 54	1,797	4.5	764	6.5	1,033	3.7	17	479	537
55 - 59	1,338	3.4	633	5.4	705	2.5	10	329	366
60 - 64	933	2.3	414	3.5	519	1.9	5	259	255
65 - 69	532	1.3	256	2.2	276	1.0	1	118	157
70 - 74	304	0.8	155	1.3	149	0.5	1	68	80
75 - 79	202	0.5	90	0.8	112	0.4	1	51	60
80 and Over	227	0.6	79	0.7	148	0.5	3	72	73
Unknown Age	44	0.1	23	0.2	21	0.1	0	10	11
Female	13,582	34.2	4,400	37.3	9,182	32.9	36	4,206	4,940
Under 16	2	<0.1	0	0.0	2	<0.1	0	1	1
16 - 17	537	1.4	62	0.5	475	1.7	3	206	266
18 - 20	1,859	4.7	268	2.3	1,591	5.7	8	707	876
21 - 24	2,031	5.1	424	3.6	1,607	5.8	5	701	901
25 - 29	1,651	4.2	487	4.1	1,164	4.2	8	550	606
30 - 34	1,290	3.2	434	3.7	856	3.1	4	401	451
35 - 39	1,101	2.8	436	3.7	665	2.4	0	326	339
40 - 44	1,119	2.8	443	3.8	676	2.4	3	310	363
45 - 49	1,165	2.9	540	4.6	625	2.2	2	290	333
50 - 54	905	2.3	416	3.5	489	1.7	1	227	261
55 - 59	717	1.8	322	2.7	395	1.4	0	182	213
60 - 64	494	1.2	254	2.2	240	0.9	0	108	132
65 - 69	305	0.8	147	1.2	158	0.6	0	75	83
70 - 74	139	0.3	65	0.6	74	0.3	0	30	44
75 - 79	113	0.3	53	0.4	60	0.2	0	35	25
80 and Over	144	0.4	43	0.4	101	0.4	2	56	43
Unknown Age	10	<0.1	6	0.1	4	<0.1	0	1	3
Unknown Gender	1,144	2.9	340	2.9	804	2.9	2	369	433

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Age Group	Total Persons		Persons Killed	Persons Injured
	Number	Percent		
Total	19,229	100.0	319	18,910
Under 5	229	1.2	0	229
5 - 9	308	1.6	0	308
10 - 13	259	1.3	0	259
14 - 17	1,415	7.4	17	1,398
18 - 20	2,586	13.4	52	2,534
21 - 24	2,741	14.3	60	2,681
25 - 29	2,207	11.5	35	2,172
30 - 34	1,596	8.3	32	1,564
35 - 39	1,387	7.2	24	1,363
40 - 44	1,294	6.7	20	1,274
45 - 49	1,327	6.9	20	1,307
50 - 54	1,128	5.9	17	1,111
55 - 59	850	4.4	16	834
60 - 64	622	3.2	6	616
65 - 69	374	1.9	1	373
70 - 74	215	1.1	3	212
75 - 79	169	0.9	2	167
80 and Over	187	1.0	8	179
Unknown Age	335	1.7	6	329

	Total		Injury Severity of Person					
	Number	Percent	Killed (K)	Serious (A)	Moderate (B)	Minor (C)	Unk Injury	Uninjured (O)
Motor Vehicle Occupants	56,998	100.0	224	1,792	2,940	12,471	299	39,272
No Restraint Used	2,580	4.5	56	310	286	630	17	1,281
Air Bag Deployed	817	1.4	40	119	109	226	5	318
with Child Restraint	24	<0.1	0	0	3	6	1	14
with Harness	197	0.3	3	9	23	88	0	74
with Lap Belt	305	0.5	2	17	37	135	3	111
with Lap Belt & Harness	4,988	8.8	38	338	599	1,733	29	2,251
Child Restraint Only	1,308	2.3	0	8	48	139	27	1,086
Harness	298	0.5	2	6	7	75	7	201
Lap Belt	1,794	3.1	1	51	73	595	25	1,049
Lap Belt & Harness	40,814	71.6	51	837	1,614	8,340	163	29,809
Other	13	<0.1	1	1	1	4	0	6
Unknown	3,860	6.8	30	96	140	500	22	3,072
Motorcyclists	942	100.0	77	267	251	255	4	88
No Helmet Used	93	9.9	4	36	18	33	0	2
Helmet Used	784	83.2	69	215	220	206	4	70
Unknown	65	6.9	4	16	13	16	0	16
Bicyclists	133	100.0	2	31	38	57	2	3
No Helmet Used	47	35.3	0	11	16	18	1	1
Helmet Used	28	21.1	0	6	12	9	1	0
Unknown	58	43.6	2	14	10	30	0	2